

Holds a B. Sc. in Chemistry and 2 Diploma. Has about 39 years' experience working in operation and commissioning.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 08/12/1963
Gender : Male
Marital Status : Married
Residence : El-Behira

EDUCATION

: B. Sc. in Chemistry, Alexandria University
: Diploma in Analytical Chemistry
: Diploma in Applied Chemistry

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: On-shore Operation Training for Seawater desalination plant and Auxiliaries (BABCOCK-HITACHI K.K).
: STF OFFSHORE OPERATION TRAINING COURSE FOR 400MW HRSG OPERATION AND MAINTENANCE OF THE HRSG.
: Special Course in Water treatment.
: Introduction to Steam Power Plants.

CHRONOLOGICAL EXPERIENCE RECORD

Project : Nubaria Power Station
Job title : Chief Chemist
Job Description : Commissioning and follow up:
• HYDROGEN PLANT.

- R.O DESALINATION PLANT.
- DEMINERALIZATION PLANT.
- M.s.f desalination plant.
- FEED WATER TREATMENT.
- BOILER WATER TREATMENT.
- CLOSED COOLING WATER SYSTEM.
- ELECTRO - CHLORINATION PLANT SYSTEM (ECP).
- POTABLE WATER SYSTEM.
- WASTE WATER TREATMENT SYSTEM.

Project	:	Nubaria Power Station
Job title	:	Chief Chemist
Job Description	:	<ul style="list-style-type: none"> • Follow-up operating the pre-treatment (sedimentation process, filtration process), this process produces 260m³/hr from clarified water and 260m³/hr from filtered water. • Follow-up operating the potable system (filtration with activated carbon filters & chlorination), this process produces 1200 m³/day from drinkable water. • Follow-up operating the Demineralization Plant system which done by ion Exchange process, this process contains three streams each stream contains (polishing filter, cation exchanger, decarbonator, anion exchanger, mixed bed exchanger), this process produces demi. Water with 0.1µs/cm and PH = 6.7 & SiO₂ 5 ppb, this process produces 1000m³/day. • Follow-up operating the Waste treatment (clarification, filtration by gravity filters, and adjust PH in final PH, range 6-9 and cond. Under 2000 µs/cm and this process produces 3000 m³/day. • Follow-up operating the Sewage treatment which work by activated sludge process (aeration process, settling process, chlorination process, drier bed process for disposal sludge), this process produces 2×200m³/day. • Follow-up operating Oil separator system (API unit, flash mixer process, Dave unit, air saturation unit), this system produces 150 m³/hr. • Follow-up operating (R.O) unit in the Nubaria Power Station. • Follow-up Thermal cycle which contain (feed tank, boilers with drums HP, IP, LP, steam turbine) and this cycle include treated by hydrazine in feed tank as oxygen scavenger, tri sodium phosphate in drum to make buffering in PH and prevent scale formation, ammonium hydroxide in condensate water to rise PH. • Follow-up operating Hydrogen production unit for cooling generator and produce 10 m³/hr from oxygen & hydrogen. • Follow-up Closed cooling system for cooling several services in thermal cycle and keep this cycle at cond. Under 40 µs/cm, PH 7.5-8.5 and hydrazine 2-5 ppm. • Each process monitored by several analysis (hourly, daily, weekly, monthly). • Follow-up to address the entrance and exit to and from the water station. • Follow-up operating previous different systems during the operating

Scada.

- Project** : Ayoun Moussa Power Station
Job title : Shift Charge Chemist
Job Description :
 - Pre-treatment system.
 - Demineralization system.
 - Sewage treatment system.
 - Potable water system.
 - Waste treatment system.
 - Oil/water separator system.
 - Chemical injection system.
 - Thermal cycle analysis system.